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WEAR-RESISTANT LUBRICATING OIL COMPOSITION**Publication number:** JP2002265971**Publication date:** 2002-09-18**Inventor:** BABA ZENJI**Applicant:** SHOWA SHELL SEKIYU**Classification:**

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 WO02053687 (A3)
WO02053687 (A2)
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PROBLEM TO BE SOLVED: To provide an ashless lubricating oil composition having an excellent wear resistance even under severe high-pressure, high-speed, and high-load conditions. **SOLUTION:** The lubricating oil composition is obtained by blending a lube base oil comprising a mineral oil and/or a synthetic oil with a β -dithiophosphorylated propionic acid represented by the formula: $S=P(-OR_{<1>})_2SCH_2CH(R_{<2>})COOH$ (wherein $R_{<1>}$ is a 3-8C branched alkyl group; and $R_{<2>}$ is H or a 1-4C alkyl group).

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